

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1 - 12. (Cancelled)

13. (Original) A photocurable silver composition comprising:

an aliphatic acrylated urethane oligomer;

an acrylated epoxy oligomer;

a photoinitiator;

silver powder; and

silver flakes in an amount of at least 20% relative to the weight of the silver powder.

14. (Original) The silver composition of claim 13 further comprising an

isobornyl acrylate monomer.

15 - 19. (Cancelled)

20. (Original) A photocurable silver composition comprising:

a photocurable organic mixture;

a photoinitiator;

silver powder; and

silver flakes in an amount of at least 20% relative to the weight of the silver powder and wherein the silver powder comprises a plurality of particles with about 70% to 95% of the particles having a particle size less than about 14.9 microns.

21. (Currently Amended) The silver composition of claim ~~23~~, 20 wherein

the silver powder comprises a plurality of particles with about 90% of the particles having a particle size less than about 14.9 microns.

22. (New) The silver composition of claim 13 wherein the aliphatic acrylated urethane oligomer is present in an amount of about 3% to 8% of the silver composition.

23. (New) The silver composition of claim 13 wherein
the acrylated epoxy oligomer is present in an amount of about 2% to 4% of the silver composition;
the silver powder is present in an amount of about 50% to 60% of the silver composition;
the silver flakes are present in an amount of about 25% to 35% of the silver composition;
the aliphatic acrylated urethane oligomer is present in an amount of about 8% of the silver composition; and
the photoinitiator is present in an amount of about 3% to 6% of the silver composition.

24. (New) The silver composition of claim 13 further comprising a component selected from the group consisting of a flow promoting agent, an adhesion promoter, a wetting agent, a conductive carbon black powder, an antimony tin oxide powder, and mixtures thereof.

25. (New) The silver composition of claim 13 further comprising an antimony tin oxide powder and a flow promoting agent.

26. (New) The silver composition of claim 25 further comprising a blend of a polyacrylic oligomer and an acrylate monomer.

27. (New) The silver composition of claim 20 wherein the photocurable mixture comprises an aliphatic acrylated urethane oligomer.

28. (New) The silver composition of claim 27 wherein the photocurable mixture further comprises an acrylated epoxy oligomer.

29. (New) The silver composition of claim 28 wherein the photocurable mixture further comprises an isobornyl acrylate monomer.

30. (New) The silver composition of claim 29 wherein
the acrylated epoxy oligomer is present in an amount of about 2% to 4% of the silver composition;

the silver powder is present in an amount of about 50% to 60% of the silver composition;

the silver flakes are present in an amount of about 25% to 35% of the silver composition;

the aliphatic acrylated urethane oligomer is present in an amount of about 8% of the silver composition; and

the photoinitiator is present in an amount of about 3% to 6% of the silver composition.

31. (New) The silver composition of claim 20 further comprising a component selected from the group consisting of a flow promoting agent, an adhesion promoter, a wetting agent, a conductive carbon black powder, an antimony tin oxide powder, and mixtures thereof.

32. (New) The silver composition of claim 20 further comprising an antimony tin oxide powder and a flow promoting agent.

33. (New) The silver composition of claim 32 further comprising a blend of a polyacrylic oligomer and an acrylate monomer.

34. (New) A photocurable silver composition comprising:
a photocurable organic mixture;
a photoinitiator;
silver powder; and
silver flakes in an amount of at least 20% relative to the weight of the silver powder and wherein the silver powder comprises a plurality of particles with about 90% of the particles having a particle size less than about 14.9 microns.

35. (New) The silver composition of claim 34 wherein the photocurable mixture comprises an aliphatic acrylated urethane oligomer.

36. (New) The silver composition of claim 35 wherein the photocurable mixture further comprises an acrylated epoxy oligomer.

37. (New) The silver composition of claim 36 wherein the photocurable mixture further comprises an isobornyl acrylate monomer.